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AZ CORP COMMISSION
DOCKET CONTROL

Docket No. E-00000D-09-0020

January 28, 2010

Docket Control
Arizona Corporation Commission
1200 West Washington
Phoenix, Arizona 85007

Arizona Corporation Commission
DOCKETED

JAN 28 2010

Subject: SunZia Southwest Transmission Project
SunZia Transmission, L.L.C.
Ten Year Plan for 2010

DOCKETED BY	
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To Whom It May Concern:

Pursuant to A.R.S. § 40-360.02 (A) and (C), SunZia Transmission, L.L.C. ("SunZia") hereby submits its Ten Year Plan filing for the year 2010. Information Requirements associated with A.R.S. § 40-360.02 (C) are included as Appendix "A" to this filing.

The SunZia Southwest Transmission Project ("Project") is comprised of up to two extra high voltage transmission lines and termination facilities that would create a new interconnection between central Arizona and central New Mexico. Appendix "B" includes a map dated as of October 20, 2009 that depicts alternate routes and proposed substations. Such facilities would allow delivery of remotely-located renewable power generation resources (e.g. wind, solar and geothermal) to power markets in the Western Interconnect.

An environmental impact statement ("EIS"), pursuant to the National Environmental Policy Act, is currently underway. The Bureau of Land Management ("BLM") is acting as the lead federal agency overseeing the EIS process. Current planning indicates a Draft EIS will be published by December 2010. The Project anticipates filing an Application for a Certificate of Environmental Compatibility upon completion of the Draft EIS. In the meantime, SunZia continues to maintain advisory communication on Project status with the Chairman of the Arizona Power Plant and Transmission Line Siting Committee and the Commission Staff.

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In addition, SunZia continues its application for a project rating pursuant to the guidelines of the Western Electricity Coordinating Council ("WECC"). This activity is part of WECC's Regional Planning Process in which the Project is participating.

SunZia continues to coordinate closely with siting jurisdictions in both Arizona and New Mexico as the Project progresses. The Project is regularly reviewed and discussed at regional planning forums such as WestConnect, the Southwest Area Subregional Transmission Planning Group ("SWAT") and SWAT's various subcommittees. The Commission's Staff is an active participant in these and other important regional electricity planning forums.

This informational filing is intended to be responsive to the requirements of A.R.S. § 40-360.02 (A) and (C) as they might apply to the SunZia Southwest Transmission Project and related electric facilities currently under study. Depending on both the timing and nature of future development, the Project may have occasion to file an amendment to this Ten Year Plan for 2009.

Please direct any questions that may arise from this report to the undersigned at (602) 808-2004.

Sincerely,



Tom C. Wray
Project Manager
SunZia Southwest Transmission Project

Appendices (2)

Cc: File

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Appendix “A”

**SunZia Southwest Transmission Project
A.R.S. § 40-360.02 (C) Information Requirements**

Appendix A

Information Requirements Pursuant to A.R.S. § 40-360.02 (C)

40-360.02 (C) (1).

The size and proposed route of any transmission lines or location of each plant proposed to be constructed.

The SunZia Southwest Transmission Project ("Project") proposes to permit and construct up to two new single-circuit 500 kilovolt (kV) alternating current (AC) transmission lines originating at a new substation located in Lincoln County, New Mexico and terminating at the Pinal Central Substation in Pinal County, Arizona. The 500 kV transmission lines would interconnect with the underlying EHV grid. Depending on technical analysis of power flows, the Project may construct and operate one of the proposed transmission lines as a direct current bipolar facility.

The estimated length of the proposed transmission line route is approximately 471 miles. Approximately 176 miles of the proposed route is inside the state of Arizona.

At this early stage in the development of the Project, the final capacity rating has not been determined. However, for planning purposes, the projected capacity of the fully constructed Project has been estimated to be 3,000 megawatts.

40-360.02 (C) (2).

The purpose to be served by each proposed transmission line or plant.

The Project is conceived as a power transfer facility to transport generation from remotely-located renewable energy resources (e.g. wind, solar and geothermal) to markets in the Western Interconnect.

40-360.02 (C) (3).

The estimated date by which each transmission line or plant will be in operation.

Based on current planning the first phase of the Project would be placed in service in 2014.

40-360.02 (C) (4).

The average and maximum power output measured in megawatts of each plant to be installed.

Not applicable.

40-360.02 (C) (5).

The expected capacity factor for each proposed plant.

Not applicable.

40-360.02 (C) (6).

The type of fuel to be used for each proposed plant.

Not applicable.

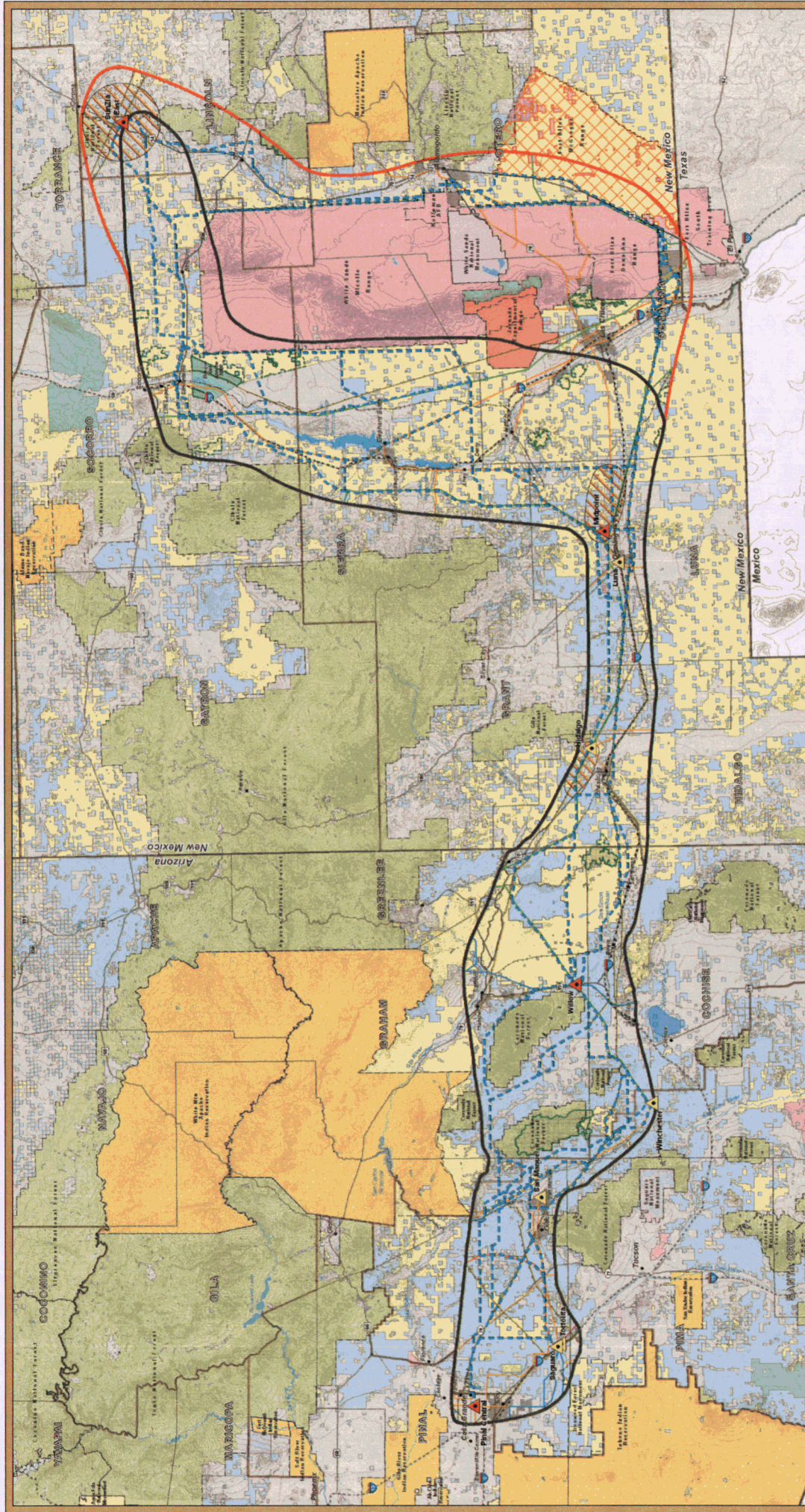
40-360.02 (C) (7).

The plans for any new facilities shall include a power flow and stability analysis report showing the effect on the current Arizona electric transmission system. Transmission owners shall provide the technical reports, analysis or basis for projects that are included for serving customer load growth in their service territories.

Power flow studies, stability studies, dynamic system modeling and short-circuit studies will be prepared as the Project's electrical definition matures. The Project will coordinate and review these study findings with Commission Staff as they become available.

Appendix “B”

SunZia Southwest Transmission Project Study Area Map (As of October 20, 2009)



SunZia Southwest Transmission Project Proposed and Alternative Routes Preliminary Scoping-October 2009



October 20, 2009



- LEGEND**
- BLM Field Office Boundary
 - Land Ownership**
 - Bureau of Land Management
 - U.S. Dept. of Defense
 - McGregor Range Withdrawal
 - National Park Service
 - U.S. Forest Service
 - U.S. Fish and Wildlife Service
 - Federal/Other
 - Indian Reservation
 - State/Trust Land
 - Local or State Parks
 - Private/Other

Base Features

- Project Features**
- Proposed and Alternative Routes
 - Study Area
 - Proposed Study Area Expansion
 - Substation Siting Area

Utilities

- Proposed Substation
- Existing Substation
- Pipeline (Diameter 6")

Reference Features

- City
- River/Stream
- Lake/Reservoir
- Urban Area
- State Highway
- US Highway
- Interstate
- Railroad
- County Boundary
- State Boundary
- Wilderness Area
- Wilderness Study Area (WSA)
- Jurisdictional Boundary

Sources:

- AZ BLM 2009
- AZ State Land Department and ALRIS 2008
- BLM National Map 2008, National RMP 1989
- BLM National Map 2008, National RMP 2005
- BLM National Map 2008, National RMP 2009
- POWERmap, powermap.platts.com
- USGS National Map of The McClellan Companies
- USGS, EPD, Inc. 2009



Contour Interval 200 feet